

Date: Wednesday, 3/14/2007 12:25:31 PM
 User: Kim Johnston

Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: NUT PLATE ASSEMBLY
Job Number	: 31192		
Estimate Number	: 11053		
P.O. Number	: <u>N/A</u>	Part Number	: D2873043
This Issue	: 3/14/2007 S.O. No. : <u>N/A</u>	Drawing Number	: D2873 REVA
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: <u>N/A</u> Type : MACHINED PARTS	Drawing Revision	: A
Previous Run	: 30449	Material	: <u>N/A</u>
Written By	:	Due Date	: 3/21/2007 Qty: 30 Um: Each
Checked & Approved By	: <u>[Signature] 07.03.14</u>		
Comment	: Est A 05.09.13 New issue KJ/JLM		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	M6061T6B0375X01000	6061T6 BAR
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Comment: Qty.: 0.3237 f(s)/Unit Total : 9.7115 f(s)
 6061T6 BAR
 Material: 6061-T6 Bar (QQ-A-200/8 or QQ-A-225/8)
 (M6061T6B0.375x01.000)
 Identify for D2873-3
 Batch: M103434

ml 07/03/18 30

2.0	BAND SAW	BAND SAW
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Comment: BAND SAW
 Cut blanks: 1.000" x 0.375" x 3.700" long

ml 07/03/18 30

3.0	HAAS1	HAAS CNC VERTICAL MACHINING #1
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Comment: HAAS CNC VERTICAL MACHINING #1
 Machine as per Folio FA and Dwg D2873
 Identify as D2873-3 Dwg Rev AA Folio Rev AA

ml 07/03/19 30

4.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE
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Comment: INSPECT PARTS AS THEY COME OFF MACHINE

ml 07/03/19 30

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Wednesday, 3/14/2007 12:25:31 PM
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Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

QC8

SECOND CHECK



Comment: SECOND CHECK

J.L 07/03/19

30

6.0

SMALL FAB 1

SMALL & MEDIUM FAB RESOURCE 1



Comment: SMALL & MEDIUM FAB RESOURCE 1

1-Debur

2- C'sink as per Dwg D2873

> ml 07/03/19 x 30

7.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

207.3.2.30

8.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Chemical Conversion Coat as per QSI 005 4.1

SS / M.L

07-03-21

30

9.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT CHEMICAL CONVERSION

MF

07-03-21

(30)

10.0

MS20426AD46

Rivet



Comment: Qty.: 6.0000 Each(s)/Unit Total: 180.0000 Each(s)

Rivet

Pick;

Qty

Part Number

Description

Batch

6

MS20426AD4-6

Rivet

M100151



11.0

MS21075L5

Nut Plate



Comment: Qty.: 3.0000 Each(s)/Unit Total: 90.0000 Each(s)

Nut Plate

Pick;

Qty

Part Number

Description

Batch

3

MS21075L5

Nut Plate

M18136

ml 07/03/22



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☒ No ☐ DQA: ☒ Date: 5/16/26

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Wednesday, 3/14/2007 12:25:31 PM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: NUT PLATE ASSEMBLY

Job Number: 31192

Part Number: D2873043

Job Number:



Seq. #:

Machine Or Operation:

Description :

12.0

SMALL FAB 1

SMALL & MEDIUM FAB RESOURCE 1



Comment: SMALL & MEDIUM FAB RESOURCE 1

1-Assemble as per Dwg D2873

2-Identify as D2873-043

ml 07/03/22 x 30

13.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

07/03/22 (30)

14.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: _____

07/3/23

SS

15.0

QC21

FINAL INSPECTION/W/O RELEASE



(30)

Comment: FINAL INSPECTION/W/O RELEASE

07/03/26

Job Completion



U 07-03-26

*ml
wep
ml*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE LTD		Work Order:	31192
Description: Radius Block		Part Number:	D2873-3
Inspection Dwg: D2873 Rev: A		Page 1 of 1	

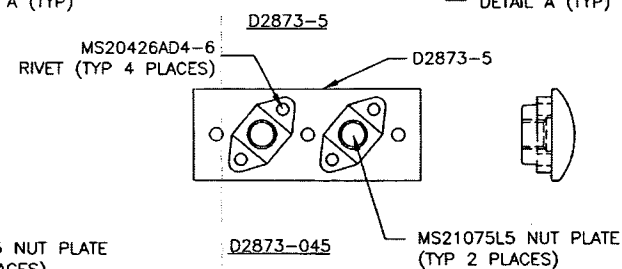
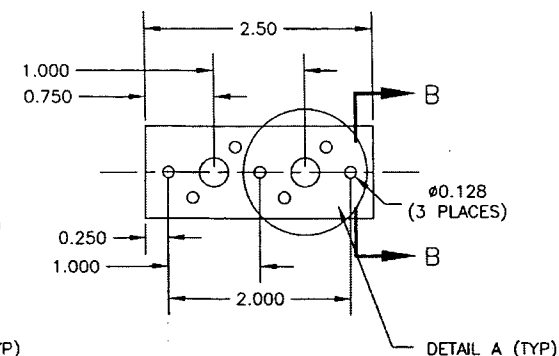
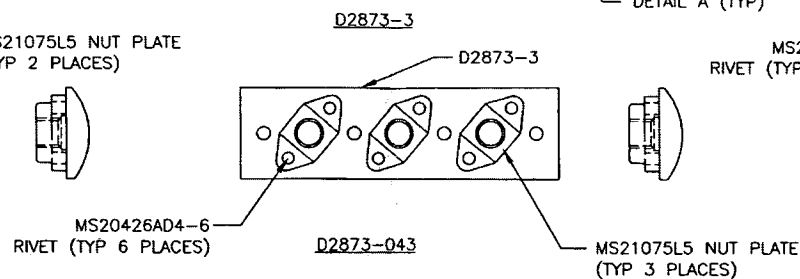
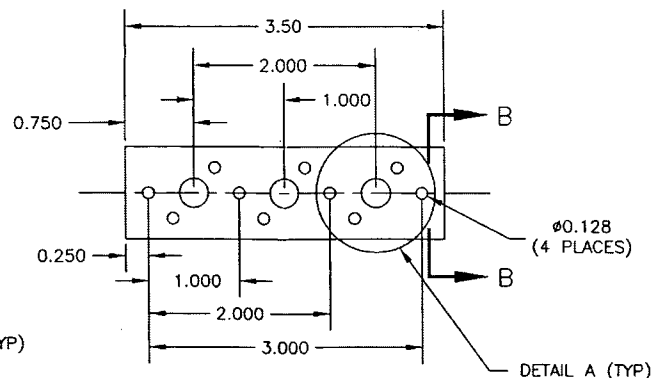
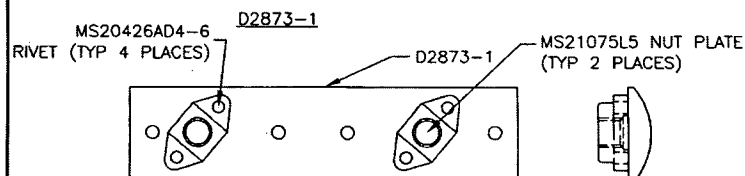
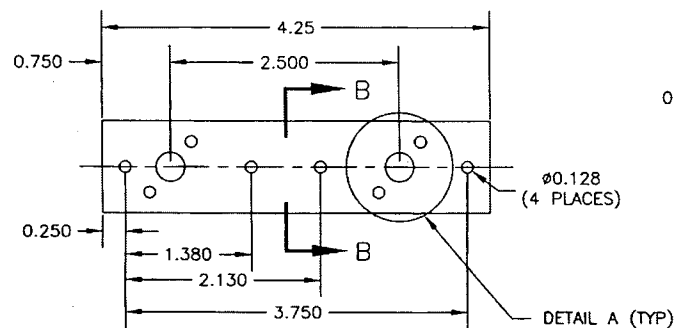
FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
3.50	+/-0.030	3.501	—			
2.000	+/-0.010	1.999	—			
0.750	+/-0.010	0.750	—			
1.000	+/-0.010	0.999	—			
0.250	+/-0.010	0.250	—			
1.000	+/-0.010	1.000	—			
2.000	+/-0.010	2.000	—			
3.000	+/-0.010	3.000	—			
Ø0.128	+0.005/-0.001	Ø0.130	—			
0.359	+/-0.010	0.360	—			
Ø0.316	+0.006/-0.001	Ø0.318	—			
1.000	+/-0.010	1.003	—			
0.250	+/-0.010	0.248	—			
0.061	+/-0.010	0.058	—			
Ø0.230 x 0.125	+0.005/-0.001 x 0.010	Ø0.232 x 0.124	—			

Measured by:	<i>[Signature]</i>	Audited by:	JL	Prototype Approval:	N/A
Date:	07/03/18	Date:	07/03/18	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	06.08.30	New Issue P/O D2873-043	KJ/JLM	<i>[Signature]</i>



D2873-041

D2873-1/-3/-5 RADIUS BLOCK

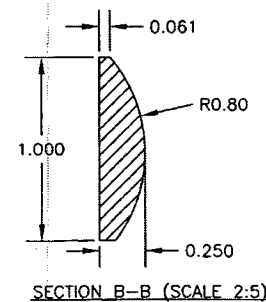
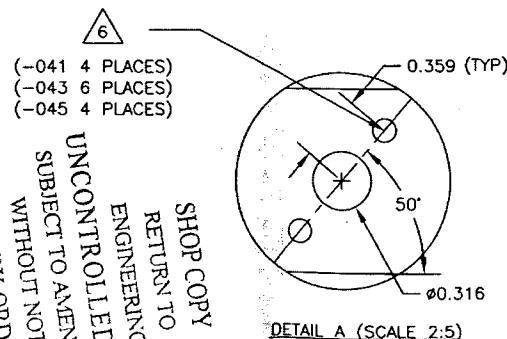
- 1) MATERIAL: 5052-H32/H34 BAR (QQ-A-225/7) (REF. DART SPEC M5052H32B1.000X00.250) OR 6061-T6 BAR (QQ-A-225/8 OR QQ-A-200/8) (REF. DART SPEC M6061T6B1.000X00.250)
- 2) FINISH: ACID ETCH AND ALODINE PER DART QSI 005 4.1
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE INCHES
- 5) BREAK ALL SHARP EDGES 0.010 TO 0.020
- 6) Ø0.128 PILOT + C'BORE CURVED SIDE Ø0.230X0.125 DEEP + C'SINK CURVED SIDE Ø0.225 x 100"

D2873-041/-043/-045 NUT PLATE ASSEMBLY

- 1) INSTALL MS21075L5 NUT PLATE IN ORIENTATION SHOWN USING MS20426AD4-6 RIVETS

D2873-041/-043/-045 NUT PLATE ASSEMBLY PARTS LIST

-041	-043	-045	PART NUMBER	DESCRIPTION
X			D2873-041	NUT PLATE ASSEMBLY
	X		D2873-043	NUT PLATE ASSEMBLY
		X	D2873-045	NUT PLATE ASSEMBLY
1			D2873-1	RADIUS BLOCK
	1		D2873-3	RADIUS BLOCK
		1	D2873-5	RADIUS BLOCK
4	6	4	MS20426AD4-6	RIVET
2	3	2	MS21075L5	NUT PLATE



RELEASED
05-07-26

A	05.07.26	NEW ISSUE
DESIGN PH	DRAWN BY PH	DART DART AEROSPACE LTD WINDSOR, ONTARIO, CANADA
CHECKED DS	APPROVED DS	DRAWING NO. D2873
DATE 05.07.26	TITLE RADIUS BLOCK	REV. A SHEET 1 OF 1 SCALE 4:5